Wharfedale

DV832HDMI

Digital Terrestrial Receiver

USER MANUAL

If you require any further assistance with setup or experience any technical difficulties please call the Helpline Number: 0845 6040105

CONTENTS

1. INTRODUCTION 2
2. SAFETY PRECAUTIONS 3
YOUR DIGITAL RECEIVER 5
3. PREPARING 5
3.1. REMOTE CONTROL 5
3.2. CONNECTIONS 5
3.3. SOCKETS 7
4. REMOTE CONTROL FUNCTIONS 7
4.1. REMOTE CONTROL LAYOUT 7
5. MENU INTERFACE 9
FIRST TIME INSTALLATION 9
MAIN MENU 9
5.1. CHANNEL LIST 10
5.1.1. NAVIGATING THE WHOLE LIST OF CHANNELS 10
5.1.2. DELETING UNWANTED CHANNEL 10
5.1.3. RENAMING CHANNELS 10
5.1.4. ADDING LOCKS TO CHANNELS 10
5.1.5. SETTING FAVOURITES 11
5.2. INSTALLATION 11
5.2.1. ADD NEW CHANNELS 12
5.2.1.1. AUTOMATIC SEARCH 12
5.2.1.2. MANUAL SEARCH 12
5.2.2. FIRST TIME INSTALLATION 12
5.3. CONFIGURATION 13
5.3.1. AUDIO LANGUAGE 13
5.3.2. SUBTITLE 13
5.3.3. TV TYPE 13
5.3.4. TV OUT 13
5.3.5. HDMI RESOLUTION 13
5.3.6. FAVOURITE MODE 14
5.3.7. EPG PREFERENCE 14
5.3.8. SCAN ENCRYPTED CHANNELS 14
5.3.9. RECEIVER UPGRADE 14
5.3.10. PARENTAL SETTINGS 15
5.3.10.i. Menu Lock 15
5.3.10.ii. Set Lock Key 15
5.4. TIMERS MENU 15
5.5. LANGUAGE 16
6. ADVANCED OPERATION 16
6.1. ELECTRONIC PROGRAM GUIDE (7- DAY - EPG) 16
6.2. MESSAGES 17
6.3. CHANNEL NAVIGATION 18
6.4. VOLUME CONTROL 18
6.5. DIGITAL TELETEXT 19
6.6. WIDESCREEN 19
6.7. SUBTITLE 19
6.8. TV / DTV KEY 19
7. TROUBLESHOOTING GUIDE 20
8. SPECIFICATIONS 21

1. INTRODUCTION

Introduction.

Thank you for purchasing this product. It will give you good service if you take note of all safety notices and recommendations.

Contents of appliance.
1 x Set top Box
1 x Remote Control.
2 x “AAA” cells
1 x This instruction booklet
1 x Quick Setup Guide
1 x Scart Lead

2. SAFETY PRECAUTIONS

Do not place the product where a piece of furniture or other heavy object could trap the power cord (mains lead). Handle the power cord by the plug. Do not pull out the plug by tugging the cord and never touch the power cord when your hands are wet as this could cause a short circuit or electric shock. Never make a knot in the cord or tie it with other cords. The power cords should be routed in such a way that they are not likely to be stepped on. A damaged power cord can cause fire or give you an electrical shock. Check the power cord periodically to see if it is damaged. If it is damaged, please ask an approved service agent to replace it.

For your own safety read following instructions carefully before attempting to connect this device to the mains.

This unit is designed to operate on a 220V-240V AC - 50Hz supply only. Connecting it to other power sources may damage it. Ensure that the supply corresponds to the informationon the rating label on the bottom of the unit. This component system may be fitted with a non-rewireable plug. If it is necessary to change the fuse in a non-rewireable plug, the fuse cover must be refitted. If the fuse cover becomes lost or damaged, the plug most not be used until a replacement, available from the manufacturer, is obtained. It is important that the colour of the replacement fuse cover corresponds with the colour marking on the base of the plug. If the plug needs to be changed because it is not suitable for your socket, or it becomes damaged, it should be cut off and the fuse removed immediately. Please dispose of the plug safely and out of reach from children. Under no circumstance should the cut-off plug be inserted into a mains socket outlet due to high risk of electric shock. Then fit an appropriate plug carefully following the wiring instructions shown below.

IMPORTANT

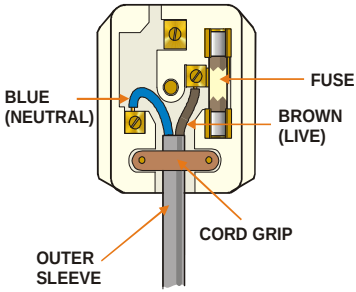
The wires in the mains plug should be connected as shown in the diagram.

The colours of the wires in the mains lead of the unit may not correspond with the coloured markings identifying the terminals in your plug. Connect them as follows:

The wire which is coloured blue must be connected to the terminal which is marked with the letter 'N' or coloured black.

The wire which is coloured brown must be connected to the terminal which is marked with the letter 'L' or coloured red.

There should be no connection to earth terminal of your plug. If you use a 13 Amp (BS1363) plug, you will need a 5 Amp fuse.



How to replace the fuse

Open the fuse compartment with a blade screwdriver and replace the fuse. When replacing the fuse in the plug, use ASTA or BSI approved 5 AMP fuse and be sure to re-fit the fuse cover. If the plug supplied with this equipment has a detachable fuse cover, be sure attach the fuse cover after you change the fuse. Never use the plug without the fuse cover.

If you should lose the fuse cover, please contact an electrical goods retailer.

If in doubt, consult a competent electrician how to replace the fuse

This symbol means that this unit is double insulated. An earth connection is not required.

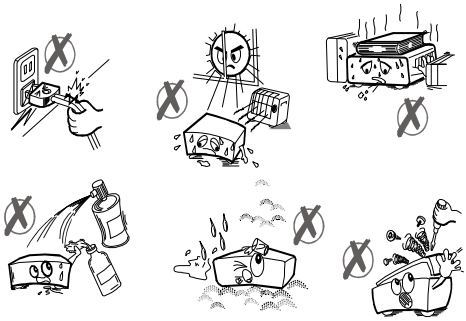
CAUTION

To prevent electric shock, disconnect from the mains before removing cover. No user servicable parts inside. Refer servicing to qualified service personnel. Disconnect from the mains supply before cleaning.

Power Source.
This unit should only be connected to a 220-240V AC 50 Hz power supply. Do not connect to any other supply.

Power Lead.
Do not place the lead where it may be stepped on or tripped over. Do not place heavy objects on the lead. If the lead becomes cut or damaged, please disconnect the unit from the mains supply.

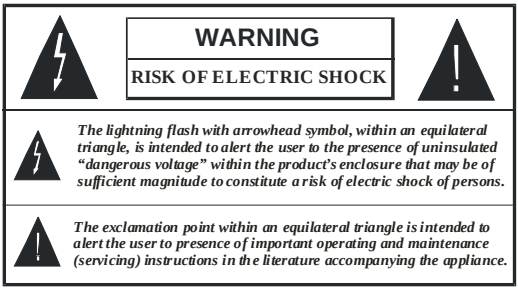
Location.
Place on a solid base such as a shelf or in a TV cabinet or similar. Do not place near heat sources such as radiators, fires or similar.
Do not block ventilation holes or place in a location that does not allow a free airflow.
Do not place the unit near water or in high humidity areas. Avoid splashing. If the unit does get wet please call the



Do not place any objects into the ventilation slots.

Should any of the above take place, do NOT open the unit yourself. You will invalidate your warranty and cause a possible safety hazard, as there are high voltages inside.

Lightening
During thunderstorms or going on holiday, it is recommended that the aerial (if outdoor) is disconnected, to prevent damage to the aerial input circuits.

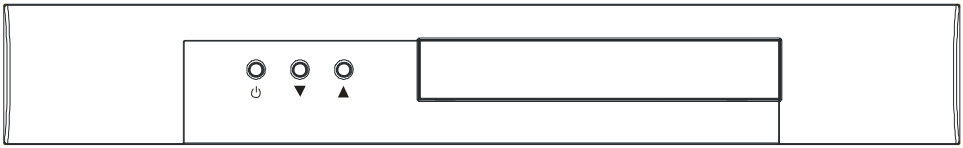

WARNING
RISK OF ELECTRIC SHOCK
The lightning flash with arrowhead symbol, within an equilateral triangle, is intended to alert the user to the presence of uninsulated "dangerous voltage" within the product's enclosure that may be of sufficient magnitude to constitute a risk of electric shock of persons.
The exclamation point within an equilateral triangle is intended to alert the user to presence of important operating and maintenance (servicing) instructions in the literature accompanying the appliance.

Battery Disposal.
When the batteries in the remote control are worn out, do NOT break open or throw on a fire. Do not place in household waste. Contact your local waste authority for advice.

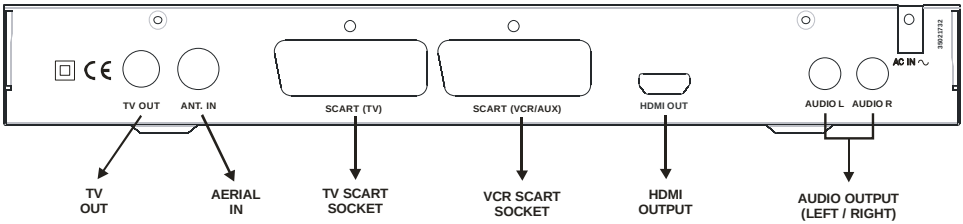
Cleaning.
Do not use chemical cleaners. Use a dry duster. If there are stubborn stains, use a damp cloth with dilute soap.

YOUR DIGITAL RECEIVER

FRONT PANEL:



REAR PANEL:



3. PREPARING

3.1. REMOTE CONTROL

First open the battery cover on the underside of the remote control. Put in both batteries 1.5Volt (RO3/AAA) referring to the imprinted symbols (+/-) in the battery case and put on the battery cover again. While using the remote control, direct it towards the front side of the receiver. If the remote control does not work or the chosen function does not work, the batteries are most probably exhausted and they should be replaced as soon as possible. Please use only the leak proof batteries. It is best to remove the batteries from the remote unit if you will not be using the remote control unit for long time.

3.2. CONNECTIONS

Place your receiver on a firm, level surface with at least a 10cm gap around all sides of the case and in a position convenient for connection to your television, a mains power outlet and a TV aerial wall outlet (or the 'flying lead' from your TV aerial, as appropriate).

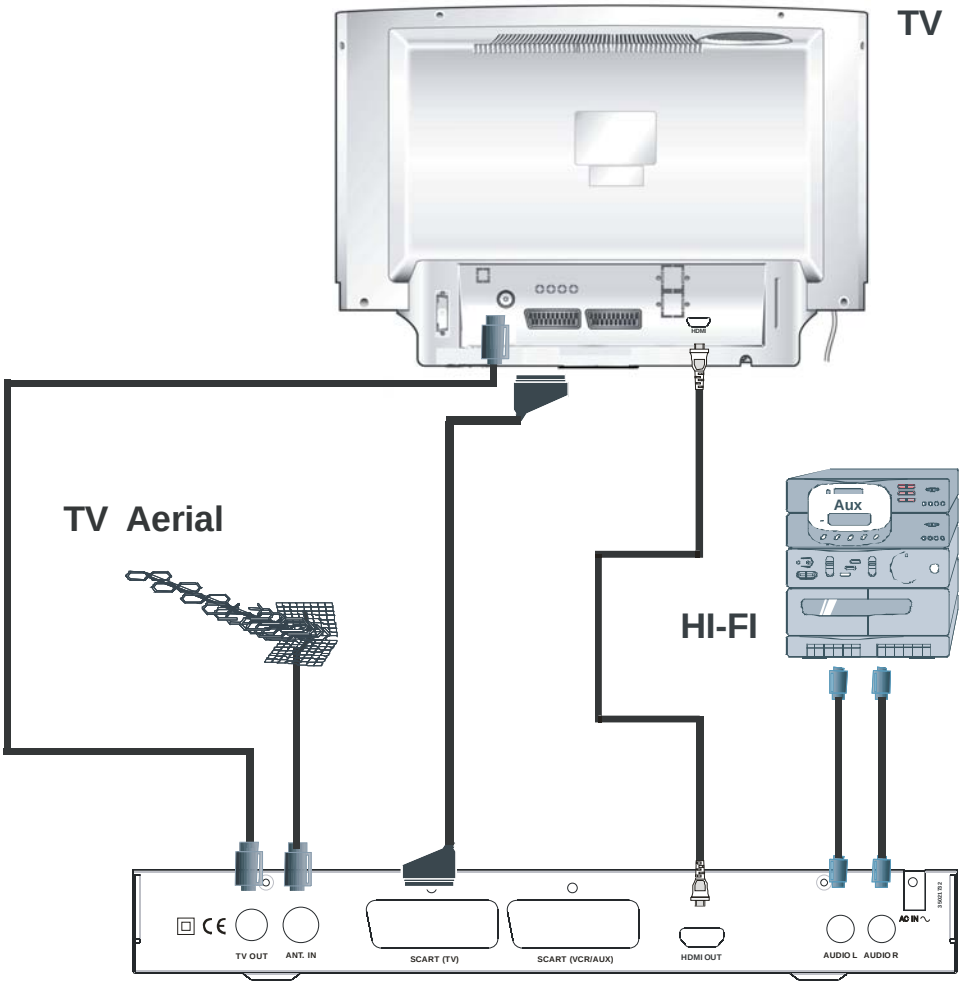
Turn off your television at the mains and disconnect the lead going to the aerial wall outlet (or the flying aerial lead) and connect this to the AERIAL IN socket on the rear of the receiver. Connect the aerial cable supplied from the TV OUT socket on the receiver to theTV set's aerial socket.

If you have a TV set with HDMI supported, you can choose the HDMI output of your receiver. To connect your TV with the receiver, you have to use a special HDMI lead, obtained from most high street audio / video specialist.

Connect the TV SCART socket on the rear of the receiver to a suitable SCART socket on your television. There may be more than one SCART socket on your television and, if unsure which to use, you should refer to its manual for guidance. Connect Audio LEFT /RIGHT.

If you have a VCR or other recording equipment connected to your television, please connect the receiver as described here.

Finally, plug the receiver into the mains outlet.

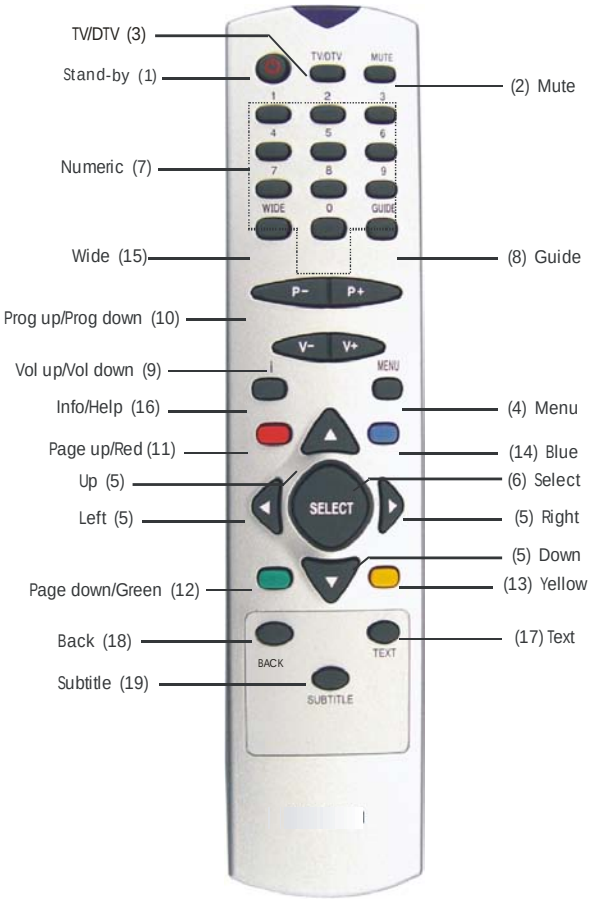


3.3. SOCKETS

- TV SCART
- VCR SCART
- 2 x Coax connectors. ANT IN (aerial input). TV OUT. Rf loop through to TV or VCR, note this is NOT an STB output.
- 2 x RCA (phono) Audio output L/R to external HI FI.
- HDMI output

4. REMOTE CONTROL FUNCTIONS

4.1. REMOTE CONTROL LAYOUT



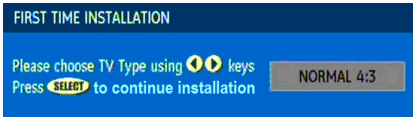
	BUTTON	FUNCTION
1	**Standby**	Turns the receiver on and into Standby.
2	**Mute**	Silences received audio.
3	**TV/DTV**	Toggles between TV and DTV.
4	**Menu**	Displays the Main Menu. Exits menus.
5	**Up, Down, Left, Right**	Moves between menu items.
6	**Select**	Makes selection in a menu. / Changes HDMI resolution (576p, 720p, 1080i), when no menu is on display.
7	**Number keys**	Changes channels. Enters numbers and letters into menus.
8	**Guide**	Displays and exit electronic programme guide.
9	**V+, V-**	Adjusts the received audio volume.
10	**P+, P-**	Changes channels.
11	**Page Up/Red**	Moves up a page through channel list. Selects red option in digital teletext. Moves to top in EPG programme details.
12	**Page Down/Green**	Moves down a page through channel list. Selects green option in digital teletext. Moves to bottom in EPG programme details.
13	**Yellow**	Selects yellow option in digital teletext. Scrolls up through EPG programme details.
14	**Blue**	Selects blue option in digital teletext. Scrolls down through EPG programme details.
15	**Wide**	Selects screen format.
16	**i**	Displays menu help. Enables / Disables Info bar.
17	**Text**	Starts and stops digital teletext.
18	**Back**	Exits the main menu.
19	**Subtitle**	Turns Subtitles ON and OFF.

5. MENU INTERFACE

FIRST TIME INSTALLATION

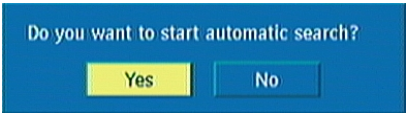
Turn on your TV set and select the HDMI or SCART input (with the AV key, or similar, on the television remote control). Turn on the mains supply to the receiver (the indicator on the front of the receiver will glow red) and press the [STANDBY] key on the receiver remote control handset. The indicator light will glow green and the receiver's menu will be seen on the TV screen.

When the box is started from standby for the first time there will be no channels stored in memory. A “First time Installation” menu will be displayed. Select the TV type (screen format).



The next menu will ask you to choose the HDMI resolution. If you intend just using the Scart output then just press SELECT and continue the scanning process.

Using the [LEFT] or [RIGHT] keys on the remote control, you can select between; 576p, 720p, and 1080i. Please check the HDMI resolutions supported by your TV set and select the most appropriate one from this menu. The next menu will ask you, if you want to tune in the digital terrestrial television channels.



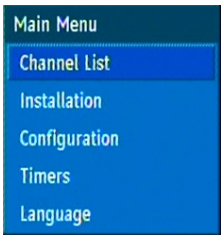
Using the [LEFT] or [RIGHT] keys on the remote control, make sure that the YES button is highlighted in yellow, and press the [SELECT] key to start the automatic search.

The receiver will automatically tune to the UHF transmission channels 21 to 68 looking for digital terrestrial TV broadcasts and displaying the names of channels found. This process will take about five minutes..

MAIN MENU

The Main Menu is accessed by pressing the Menu button. The items accessed in the Main Menu are:

1.) Channel List
2.) Installation
3.) Configuration
4.) Timers
5.) Language



5.1. CHANNEL LIST

The following operations can be performed in this menu

1. Navigating the whole list of channels
2. Deleting unwanted channels
3. Renaming channels
4. Adding locks to channels
5. Setting the favorite list

Channel Table is where the channels are managed.

5.1.1. NAVIGATING THE WHOLE LIST OF CHANNELS

In the channel table "▲/▼" moves the cursor to select the previous or next channel. RED and GREEN buttons select page up and down.
To watch a specific channel, highlight it using the "▲/▼" buttons or the Red/Green buttons, then press SELECT, if the SELECT box is highlighted. The name and number of the selected channel will be displayed in the top-right corner of the screen.
If the selected channel is password protected, a pop up menu will be displayed. If the correct code is entered the selected channel can be watched. After the Password box has disappeared you can use the "▲/▼" buttons to navigate to other channels. The scroll bar in the middle of the screen shows the relative position of the current channel with respect to the whole list.

5.1.2. DELETING UNWANTED CHANNEL

To delete a channel highlight it using "5 / 6" RED/GREEN, then highlight the "Delete" button using "3 / 4 "and press SELECT. A message is displayed to confirm your decision, if you still want to delete press SELECT once more and the channel will be deleted, the operation will be cancelled if you select "NO".

5.1.3. RENAMING CHANNELS

To rename a specific channel, the channel must be highlighted. Select "Edit Name" button and press SELECT. The name appears on the right side of the menu with the first character highlighted. By means of "3 / 4 / 5 / 6 " keys the characters can be changed.Pressing MENU cancels the editing and SELECT saves the new name.

5.1.4. ADDING LOCKS TO CHANNELS

Channel Locking provides a password-protected access to channels selected by parents. In order to lock a channel you should know the parental Lock password (set to 0000 in the factory and can only be changed from the Configuration Menu), highlight the channel to be locked and select the "Lock" button, when SELECT is pressed a password dialog is displayed. Enter the parental Lock code and the Lock icon will be displayed in front of the selected channel. Repeat the same operation to cancel the Lock.

5.1.5. SETTING FAVOURITES

There will be some channels that you tend to watch more often and some only occasionally. The favourite mode allows the most-watched channels to be accessed more easily, leaving the less-watched channels accessible but out of the way. Any channel can be a favourite channel and the Channel List menu is used to label those channels you want as favourites. Display the Channel List menu screen by highlighting Channel List on the Main Menu and pressing [SELECT].

Use the "3" or "4" keys to highlight the FAVOURITE button at the base of the screen and then, in turn, highlight each channel that is required to be a favourite channel, using the "5" and "6" keys and press [SELECT]. A channel selected as a favourite appears in the main channel list with a favourites icon against the channel name.

A channel can have its favourites status removed by repeating this procedure, to remove the icon. Leave the Channel List menu by pressing [MENU].Once the required channels have been marked as favourite channels, the favourite mode can be activated to allow easy access to them. Press the [MENU] key to display the Main Menu, the "6" key twice to highlight Configuration, and press [SELECT] to display the Configuration screen. Press the "6" key five times to highlight the Favourite Mode line and using the "3" or "4" keys change the setting from Off to On.

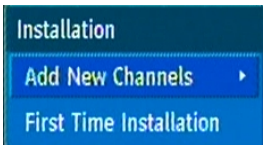
When you leave the Configuration menu by pressing [MENU] the favourite mode is activated. Now, changing channel using the [P+] or [P-] keys will switch to only those channels marked as favourites in the channel list.

You can still access all the channels in the channel list by keying in their channel list number. Alternatively you can switch off the favourite mode from the Favourite Mode line of the Configuration menu.

NOTE: The favourite mode can only be activated if one or more channels in the channel list are marked as favourites. Similarly, if the favourite status is removed from all the channels in the Channel List, the favourite mode is turned off automatically.

5.2. INSTALLATION

The options located in Installation Menu are:



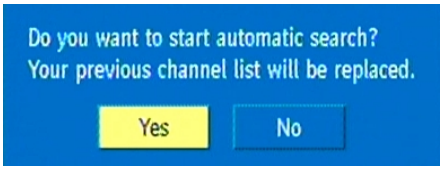
1. Add New Channels
   - Automatic Search
   - Manual Search
2. First Time Installation

5.2.1. ADD NEW CHANNELS

The receiver can search for channels automatically (searching all the broadcast frequencies for free-to-air channels) or manually (searching one specified broadcast frequency only for any channels to be found there).Press the [MENU] key to display the Main Menu and using the “5” or “6” keys, highlight the Installation line and press [SELECT] to display the Installation Menu. Highlight the Add New Channels line and press “4“ to display the options. Select Automatic Search with the “5” or “6” keys and press [SELECT]. A warning message is displayed. This starts the automatic tuning process and searchesthrough all the available broadcast frequencies for free-to-air channels. Previous channels will be replaced on automatic search.

5.2.1.1. AUTOMATIC SEARCH

Automatic search is started by selecting YES in the auto-search pop up menu. All the multiplexes are searched and a channel table is created automatically. All channels found are stored in a sorted form with respect to their channel numbers.

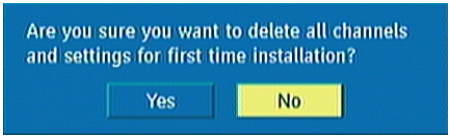


5.2.1.2. MANUAL SEARCH

In manual search the number of the multiplex is entered manually and only that multiplex is searched for the channels. In manual and auto search, any existing channel in the database is not re-stored to avoid redundant duplicates of that channel.

5.2.2. FIRST TIME INSTALLATION

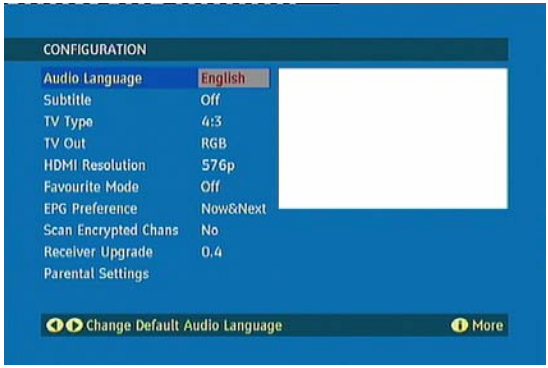
The user can use this item to load default settings, which had been loaded to the receiver at the factory. To install factory settings, highlight ‘First Time Installation’ menu and press SELECT key, then you will be asked to confirm for deleting all channels and settings. Selecting YES and pressing SELECT will delete the entire channel table.



5.3. CONFIGURATION

You can configure the settings of your box. Select Configuration from Settings Menu and Press **SELECT** to enter this menu. Press **MENU** button to exit. Configuration Menu includes the following main items:

- Ø Audio Language
- Ø Subtitle
- Ø TV Type
- Ø TV Out
- Ø HDMI Resolution
- Ø Favourite Mode
- Ø EPG Preference
- Ø Scan Encrypted Chans
- Ø Receiver Upgrade
- Ø Parental Settings



5.3.1. AUDIO LANGUAGE

Digital terrestrial television channels can broadcast simultaneous soundtracks in more than one language. This function selects which language soundtrack you will hear when switching to a channel broadcasting with multiple soundtracks. Highlight the Audio Language line in the Configuration menu and use the "3"or "4" keys to cycle through the language options. Return No Menu to normal TV viewing by pressing the [MENU] key.

5.3.2. SUBTITLE

Digital terrestrial television channels can broadcast with subtitles displayed on-screen for the hard-of-hearing. This function selects the desired subtitle language and enables the automatic display of subtitles whenever subtitle information is broadcast.Highlight the Subtitle line in the Configuration menu and use the "3" or "4" keys to cycle through the disable and language options.Return NO MENU to normal TV viewing by pressing the [MENU] key.

5.3.3. TV TYPE

Digital terrestrial television channels can broadcast programmes in a widescreen format . This format must be set correctly to normal or widescreen Tv's. This function tells the Tv the screen format so that broadcasts are displayed correctly. In the Configuration menu, highlight TV Type and use the "3/4" buttons to select 4 : 3 or 16 : 9 depending which Tv you have. This setting duplicates the settings when you first installed the STB, therefore if you change your Tv you can set the STB to match the new Tv. To return to programmes press the MENU key.

5.3.4. TV OUT

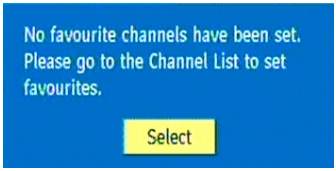
The receiver can output either an RGB or CVBS signal from the TV SCART on the rear panel. Although the RGB format results in a better quality picture, not all equipment - particularly some VCRs - can cope with an RGB signal.

5.3.5. HDMI RESOLUTION

This receiver can give HDMI output in 3 different resolutions: 576p, 720p,1080i from the HDMI connector on the rear panel. In order to get best picture quality, please check the HDMI resolutions supported by your TV set and select the most appropriate one from this menu. Note that only stored channels can be watched over HDMI, not VCR input. This function duplicates the selection made at the time of first installation.

5.3.6. FAVOURITE MODE

This function enables or disables the favourite channel list mode by pressing " 3 / 4 " buttons and press OK . If there is no favourite channel, a warning message is displayed.



5.3.7. EPG PREFERENCE

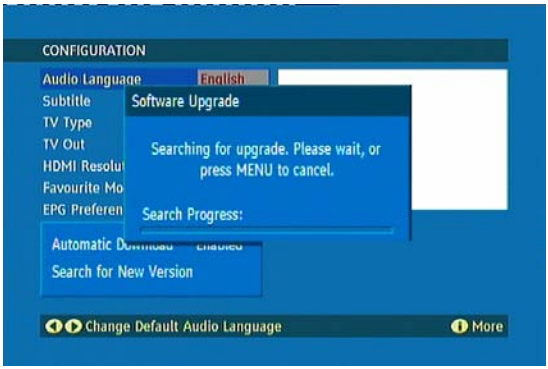
Digital terrestrial television channels can broadcast simultaneous Now&Next and 7-Day electronic program. Highlight the EPG Preference line in the Configuration menu and use the " 3 " or " 4 " keys to select Now&Next or 7-Day.

5.3.8. SCAN ENCRYPTED CHANNELS

If selected when searching, the "Encrypted" channels will also be stored and displayed. If NO is chosen only "Free to Air" channels will be stored.

5.3.9. RECEIVER UPGRADE

To ensure that your digital receiver always has the most up-to-date software, please ensure that after use it is set to its standby mode. The Receiver automatically powers up at 3AM each day and searches for any new information which may be broadcast and will download this to your box automatically. This operation will normally take approximately 30 minutes. If you have an important recording to make at 3AM which must not have a 30 minutes interrupt then you can disable the auto OAD search by performing the following:



1. Press Menu button and using the " 5 / 6 " buttons highlight CONFIGURATION and press
the SELECT button,

2. Use the " 5 / 6 " buttons to highlight "RECEIVER UPGRADE" and press SELECT button.

3. Using the " 3 / 4 " button change "Automatic Download" from Enabled to Disabled.

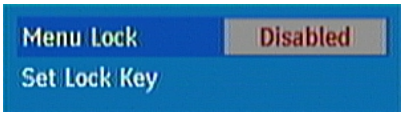
4. Utilize the " 5 / 6 " button to highlight "Search for New Version" and press SELECT.

5. If there is a new software version the receiver will start to search.

Do not forget to re enable the automatic OAD function after you have made your recording by repeating the above instructions.

NOTE: If there is no new software to download, this procedure will take only about 20-30 seconds.

5.3.10. PARENTAL SETTINGS



Use " 5 / 6 " buttons to go to Parental Settings option. Press SELECT button to enter Parental Settings Menu. A box asking for the lock key is displayed. There is only one key which is set to "0000" initially. Enter lock key. If it is incorrect, it is returned back. If it is correct, the Parental Settings Menu including following items is displayed: There you can set/reset locking for the Main Menu, or the Installation Menu to restrict access. If the menu lock is disabled, there will be free access to the menu system. You can change the lock key.

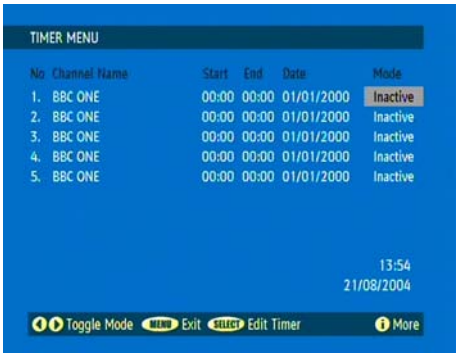
5.3.10.i. Menu Lock

Use " 5 / 6 " buttons to go to Menu Lock option. Use " 3 / 4 "buttons to toggle Menu Lock Mode.
DISABLED : All menus are unlocked.
MAIN MENU : Main Menu is accessible only with the correct lock key.So the user can't add, delete, rename, channels, can't set timers.
INSTALLATION: Installation menu is locked. So the user can't add channels.
Changes will be updated after exiting 'Configuration Menu'.

5.3.10.ii. Set Lock Key

Use " 5 / 6 " buttons to go to Set Lock Key option. Use SELECT button to enter new password. New Password Menu is displayed. Use NUMERIC buttons to enter new password. New Password is asked twice for confirmation. If both passwords are four digits long and the same, the password is changed. It is updated after exiting the Parental Menu.

5.4. TIMERS MENU


TIMER MENU
No Channel Name Start End Date Mode
1. BBC ONE 00:00 00:00 01/01/2000 Inactive
2. BBC ONE 00:00 00:00 01/01/2000 Inactive
3. BBC ONE 00:00 00:00 01/01/2000 Inactive
4. BBC ONE 00:00 00:00 01/01/2000 Inactive
5. BBC ONE 00:00 00:00 01/01/2000 Inactive
13:54
21/08/2004
Toggle Mode MENU Exit SELECT Edit Timer More

Timer Menu is entered from the Main Menu. There is a five column summary information, such as timer no, channel name, start time, end time, start date and mode, for each of the five timers.

There are two ways to set a timer. If the start/end time and date are valid numbers, the timer can be set directly by changing the mode from "Inactive" to "Active" using " 3 / 4 "cursors. If the start/end times and date are invalid or if the set values are to be changed totally, OK must be pressed while the desired timer is highlighted in the summary list. A new window where the timer details are to be entered will be displayed on the lower part of the screen. The timer details are as follows:

Name: According to the type that is chosen above, " 3 " / " 4 " keys will navigate the user through the TV or Radio list and name of the program is selected.

Start: By using "0,1,2…,9" keys start time of the timer is entered.

End: By using "0,1,2…,9" keys end time of the timer is entered.

Date: By using "0,1,2…,9" keys date of the timer is entered.

Mode: By using " 3 " / " 4 " keys, timer mode is selected as "Once", "Daily" or " Weekly" .

Start, End and Date field data are entered using number keys. Current time and date are shown on the lower-right part of the screen to help you.

After the desired detail fields are filled, one can turn back to the timer info summary list by pressing “OK” to save the settings, or by pressing “Menu” to cancel these new settings. A set timer is cancelled (disabled) by changing the mode to “Inactive” in timer summary list. If the box is in standby mode and when a timer start time comes, the Set-Top-Box switches to the set channel, then when the end time is reached, the box goes to stand-by mode. This utility helps the box to be used as a sleep-timer.

If you are watching digital terrestrial TV at the time the timer event starts, a message is flashed onto the screen announcing that the receiver is “Switching to timer channel”. So you understand what is happening.

5.5. LANGUAGE

In this menu the user can adjust the preferred language. Language is changed by pressing “5 / 6” and SELECT key.

6. ADVANCED OPERATION

6.1. ELECTRONIC PROGRAM GUIDE (7- DAY - EPG)

In no menu mode, EPG Menu is reached by pressing GUIDE key, quit by pressing GUIDE key again. In EPG Menu all channels are displayed. Current program is highlighted. Use “5 / 6” buttons to change channels.

Some, but not all, channels send information about the current and next events. Please note that event information is updated automatically. If there is no event information data available in channels, only channel names with “No Information” banner is displayed.

In EPG Menu, you can easily see the extended help information by pressing INFO key and by pressing this key again you can close this window. If you highlight an event, short event description, extended event description, start and finish times of event are displayed on the screen.

When the current program is highlighted, the box is switched to the highlighted channel by pressing SELECT key.

If you press SELECT when a next event is highlighted, a reminder is set for the highlighted program and a clock appears on the screen. Program reminders can be set to signal that a program is about to start when you are watching another channel. If you set reminder to a program, then you will be asked for switching to that channel when the reminder time is reached.

Press MENU to view the 7 day EPG. Press “5 / 6” to navigate in Channels or Programs. “3 / 4”key to navigate through the channel and program list. With RED/GREEN keys you can change schedule time. By pressing YELLOW/BLUE you can advance the schedule backward/ forward of a day. If you press info key you can see easily the detailed help information and by pressing info key again you can exit Help menu.

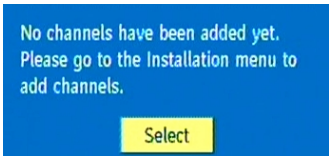
ELECTRONIC PROGRAMME GUIDE (7 Day)
Saturday 21/8 13:48
ChuckleVision
13:00-14:00
Triple bill. In the Ring/Romany Days/On the Radio: Paul and Barry grapple with the world of wrestling; hunt for a mysterious Emperor's underpants; and record their first pop song.
Channels
Programmes on Saturday 21/8, 13:00 - 15:00
30. CBBC Channel
13:00 ChuckleVision (Now)
40. BBC NEWS 24
14:00 Tracy Beaker
51. BBCi
14:55 Newsround
55. Ttext Holidays
70. BBC Radio 1
72. BBC Radio 2
73. BBC Radio 3
Navigate
Change Time
Change Day
More

The starting time for EPG is the current time. You can see the event information for the next two hours. By pressing “5 / 6” key, you can go to the next/previous programs. If you press SELECT when a next event is highlighted, a reminder is set for the highlighted program and a clock appears on the screen. Program reminders can be set to signal that a program is about to start when you are watching another channel. If you set reminder to a program, then you will be asked for switching to that channel when the reminder time is reached.

6.2. MESSAGES

When the box receives no signal (e.g. the antenna cable is disconnected), “NO SIGNAL” message is seen on the screen.

When there is no channel stored in the box, Timer Menu, Channel Table Menus are not accessible. Channel navigation is not allowed. Therefore, trying to enter these menus or do channel navigation will display “First Add new Channels!” message on the screen.



6.3. CHANNEL NAVIGATION

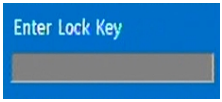
There are two ways to navigate through the channels:

1. Pressing P+/P- keys will help you to go to the next or the previous channel in the list.
2. Pressing a number key will activate a small digit entry window on the left upper corner of the screen. After a digit is entered, the box will wait for 2 seconds till you enter another digit. If no digit is entered during these 2 seconds, then the box will switch to the entered number channel.

If a number that is greater than the maximum number of channels is entered, the box will switch automatically to the last channel. Each time the box switches to the desired channel, an information window is displayed on the lower part of the screen. The small bar on top right of the banner indicates the current signal quality. On this channel info window there are:

- Ø Current event name next event name, and their start and end times.
- Ø Time
- Ø Channel number
- Ø Name of the channel
- Ø An icon indicating that the channel is set as favourite (if the channel is not set as favourite the field is left empty)
- Ø TV / Radio icon

When switching to a locked channel (channel), lock code is requested via a window as shown in the picture. Only after the correct code is entered, it is allowed to access to this channel. To skip this channel, P+/P- cursor keys must be used.



6.4. VOLUME CONTROL

The volume level of the sound from the receiver can be altered with the [V+] and [V-] keys on the remote control handset. Pressing either key displays a bar graph of the sound volume on the TV screen.The volume level selected will remain set, even when the receiver is turned stby off / on again, until it is altered with the [V+] and [V-] keys.

The audio volume adjustment for the receiver is independent of the volume control on your TV set. Be careful that both volume controls are kept within reasonable levels so that when switching from analogue to digital television viewing, or when first turning on your TV set, the sound level is not suddenly very high.

You can silence the sound from the receiver by pressing the [MUTE] key. The sound remains muted until the [MUTE] key is pressed again, the [V+] key is pressed, or until the receiver is turned off and on again.While the sound is muted in this way, the mute symbol is displayed in the top left of the TV screen. The symbol is removed after 3 seconds, but the sound will remain muted until the [MUTE] key is pressed for the second time,and the mute symbol will display for 3 seconds.

6.5. DIGITAL TELETEXT

Many digital terrestrial television channels not only broadcast pictures and sound for programmes but also pages of information on the programmes, the weather, news and many other topics. This digital teletext can be displayed by the receiver.Some channels are entirely given over to digital teletext and carry no normal TV programme at all. These dedicated digital teletext channels will not give a quarter-screen image in the EPG or the Channel List screen. When such a channel is selected, after a brief pause, they will usually display the opening page of information automatically.

Other channels have digital teletext pages broadcast alongside the television programme and often include a reduced-size broadcast picture within digital teletext pages. These usually require the [TEXT] button to be pressed to activate the digital teletext pages.In both cases, moving through the different pages of information is accomplished in a variety of ways, dependent on the individual broadcasters, but including use of the "5 / 6" and "3 / 4" and [SELECT] keys to select items from on-screen menus, and the coloured keys to jump directly to particular pages.

You can exit any digital teletext channel by changing channel in any of the normal ways. You can leave the digital teletext function of a combined digital teletext/programme channel, to return to normal television viewing of that channel, by pressing the [TEXT] key.Calling for the information banner or any menu on-screen stops the receiver from displaying the digital teletext pages and they are temporarily replaced by a blank picture while the banner or menu is displayed.Digital teletext cannot be accessed when the Subtitles are enabled

6.6. WIDESCREEN

TV sets are available with screens of the standard (4:3) format and widescreen (16:9) format. When you first installed your receiver you specified the format of the connected TV (this can now be altered if necessary; see Configuration)Digital terrestrial television broadcasts are also made in both standard and widescreen formats. In particular, films and dramas tend to be broadcast in widescreen format to closer emulate the cinema experience, but even some news bulletins are widescreen. To help get the most from both TV set and programme when a widescreen film is watched on a standard TV, or a standard broadcast is viewed on a widescreen set, the receiver includes the [WIDE] key.So long as the receiver has been correctly set up for the TV set connected, a widescreen programme will always be displayed correctly on a widescreen set, and a standard format programme will correctly fill the screen of a standard format TV.

With a widescreen TV set displaying a standard format programme the [WIDE] key switches between displaying the picture with black bars down the sides, and enlarging the picture so that it fills the whole width of the screen but the top and bottom are cropped off.With a standard format TV displaying a widescreen programme, the [WIDE] key switches between displaying the picture with black bars at the top and bottom of the screen, and filling the whole height of the screen but cropping the sides off according to instructions broadcast with the programme (called 'pan and scan').The effect of the [WIDE] key on the picture display is cancelled by pressing [WIDE] again.

6.7. SUBTITLE

Subtitle key Shows/hides subtitles of channel. When the subtitle key is pressed,subtitle ON/OFF message is displayed.

6.8. TV / DTV KEY

If there is no VCR or DVR connected to the STB, the TV/DTV button is used to toggle between TV and STB modes. When the STB is in TV mode, the TV scart is not active and the TV operates normally in analog mode. When the STB is in DTV mode the Scart is active and the TV is switched to AV/RGB mode. When there is no menu on the screen, pressing the TV/DTV button will manually toggle the STB between TV and VCR mode. In VCR mode the STB will display the output of the VCR. In TV mode the STB will display its own output. If the STB mode is not changed by pressing the TV/DTV button the scart mode will be automatically detected. (For example if a dvd player is connected to VCR scart and powered on , then the set top box will immediately switch to VCR mode. The set top box will switch to TV mode if dvd player is switched off)

7. TROUBLESHOOTING GUIDE

If you are still experiencing difficulties please check below before calling the customer help line.

PROBLEM	POSSIBLE CAUSE	WHAT TO DO
Standby light not lit	Mains lead unplugged Mains fuse blown	Check mains lead Check fuse
No signal found	Aerial is disconnected Aerial is damaged/misaligned Out of digital signal area	Check aerial lead Check aerial Check with dealer
No picture or sound	Tuned to digital teletext channel	Retune to another channel
Scrambled channel message	Channel is scrambled	Select alternative channel
No response to remote control	Receiver off Handset not aimed correctly Front panel obstructed Handset batteries exhausted	Plug in and turn on receiver Aim handset at front panel Check for obstructions Replace handset batteries
Forgotten channel lock code		Re-install channels to cancel channel lock
Forgotten menu lock code		Contact help line
The remote control will not operate your receiver	(1) The batteries in your remote control need replacing (2) There is an obstruction blocking the signal path between the remote control and the receiver	(1) Replace the batteries (2) Check that there is nothing in the way of the path between the remote control and the receiver
After moving the receiver to another room you find you are no longer able to receive the digital reception	The aerial feed may now come through a distribution system which may reduce the digital signal received by the receiver	Try a direct feed from the aerial

8. SPECIFICATIONS

GENERAL

Size	307x210x46 mm
Weight	1,3 kg
Power consumption	11 W
Standby	8,2 W

SYSTEM

Processor	NEC µPD61115 32bit RISC MIPS @ 166MHz
Flash memory	2 Mbyte
DDRRAM	16 Mbyte
MHEG-5 engine	compliant with ISO/IEC 13522-5 and
UKEngine	Profile1

Object carousel support compliant with ISO/IEC **13818-6** and UK DTT Profile

RECEPTION

Frequency range	474-850 MHz
Signal level	-35 dBm to -79,2dBm
Transmission stds.	DVB-T, MPEG-2
Demodulation	COFDM with 2K/8K FFT mode
FEC	all DVB modes
Video	MP@ML, PAL, 4:3/16:9
Audio	MPEG Layer I&II 16 / 22.05 / 24 / 32 / 44.1 / 48kHz

AUDIO R / L

Connector	2 x RCA (R + L)
Output	2.0 Vrms / Z = 10 kΩ

REMOTE CONTROL

Operating Distance	10m Max.
Batteries	2x1.5V (R-03/AAA)

CONNECTIONS

UHF aerial input
UHF aerial loopthrough
TV SCART
AUDIO R/L
VCR scart
HDMI output

Due to ongoing developments to improve the product the specification may change during manufacture.

Following information is only for EU-member states:

The use of the symbol indicates that this product may not be treated as household waste. By ensuring this product is disposed of correctly, you will help prevent potential negative consequences for the environment and human health, which could otherwise be caused by inappropriate waste handling of this product. For more detailed information about recycling of this product, please contact your local city office, your household waste disposal service or the shop where you purchased the product.